



PTO/SB/08B (08-03)

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/500,351
Filing Date	June 24, 2004
First Named Inventor	Henry Daniell
Group Art Unit	1638
Examiner Name	
Attorney Docket Number	CHL-T107C3Z1

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AK	R1	ALPETER, F. <i>et al.</i> "Accelerated Production of Transgenic Wheat (<i>Triticum aestivum</i> L.) Plants" <i>Plant Cell Rep.</i> 1996, pp. 12-17, Vol. 16.	
	R2	ALPETER, F. <i>et al.</i> "Rapid Production of Transgenic Turfgrass (<i>Festuca rubra</i> L.) Plants", <i>J. Plant Physiol.</i> 2000, pp. 441-448, Vol. 157.	
	R3	JOELLENBECH, L. M. <i>et al.</i> "Anthrax Vaccine Manufacture", <i>The Anthrax Vaccine Is it Safe?</i> , 2002, pp. 180-197.	
	R4	MILLAN, A. F., <i>et al.</i> "A Chloroplast Transgenic Approach to Hyper-Express and Purify Human Serum Albumin, a Protein Highly Susceptible to Proteolytic Degradation", <i>Plant biotechnology Journal</i> , 2003, pp. 71-79, Vol. 1.	
	R5	PETRIDES, D. <i>et al.</i> "Computer-Aided process analysis and economic evaluation of for biosynthetic human insulin production" <i>Biotechnology and Bioengineering</i> , 1995, pp. 529-554, Vol. 48, No. 1.	
	R6	SUGITA, M. <i>et al.</i> "Regulation of gene expression in chloroplasts of higher plants" <i>Plant Mol. Biol.</i> , October 1996, pp. 315-326, Vol. 32, No. 1-2.	
AK	R7	WILLIAMSON, E.D. <i>et al.</i> "Local and systemic immune response to a microencapsulated sub-unit vaccine for plague" <i>Vaccine</i> , December 1996, pp. 1613-1619, Vol. 14, No. 17-18.	
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

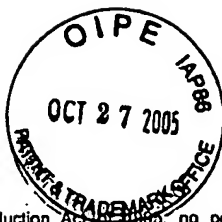
Examiner Signature	/Anne Kubelik/	Date Considered	11/28/2006
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AK	R1	GORDON-KAMM, W. J. <i>et al.</i> "Transgenic Cereals - <i>Zea mays</i> (Maize)", <u>Molecular Improvements of Cereal Crops</u> , 1999, pp. 189-253, Kluwer Academic Publishers, Great Britain, I.K. Vasil (ed.).	
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
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Application Number	10/500,351
Filing Date	June 25, 2004
First Named Inventor	Henry Daniell
Art Unit	1638
Examiner Name	
Attorney Docket Number	CHL-T107C3Z1

Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AK	U1	US-5914123 A	06-22-1999	Arntzen <i>et al.</i>	Abstract, Claims
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	F1					
	F2					
	F3					
	F4					
	F5					
	F6					
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Examiner
Signature

/Anne Kubelik/

Date

Considered

11/28/2006

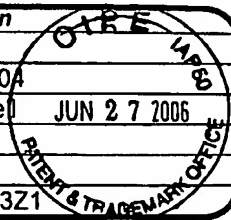
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			Application Number	10/500,351	
			Filing Date	June 25, 2004	
			First Named Inventor	Henry Daniel	
			Group Art Unit	1638	
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	CHL-T107C3Z1



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AK	R1	AZIZ, M.A. <i>et al.</i> "Expression of protective antigen in transgenic plants: a step towards edible vaccine against anthrax" <i>Biochemical and Biophysical Research Communications</i> , December 6, 2002, pp. 345-351, Vol. 299, No. 3.		
↓	R2	GREVICH, J. <i>et al.</i> "Chloroplast genetic engineering: Recent advances and future perspectives" <i>Critical Reviews in Plant Sciences</i> , 2005, pp. 83-107, Vol. 24, No. 2.		
	R3	WATSON, J. <i>et al.</i> "Expression of Bacillus anthracis protective antigen in transgenic chloroplasts towards the development of an improved vaccine or an edible vaccine" from the 10 th IAPTCB Conference: Congress on In Vitro Biology, June 2002, pp. 64-A, Orlando, Florida. Abstract only.		
AK	R4	WATSON, J. <i>et al.</i> "Expression of Bacillus anthracis protective antigen in transgenic chloroplasts of tobacco, a non-food/deed crop" <i>Vaccine</i> , pp. 4374-4384, October 22, 2004, Vol. 22, No. 31-32.		
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		Filing Date	June 25, 2004		
		First Named Inventor	Henry Daniell		
		Art Unit	1638		
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Sheet	1	of	12	Attorney Docket Number	CHL-T107C3Z1

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
AK	F1	WO 00/03022 A3	01/20/2000	CALGENE LLC	ALL	
AK	F2	WO 01/72959 A2 (CD-ROM)	10/04/2001	AUBURN UNIVERSITY	ALL	
AK	F3	WO 99/10513 A1 (CD-ROM)	03/04/1999	AUBURN UNIVERSITY	ALL	
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AK	R1	AHUJA, N. <i>et al.</i> "Rapid Purification of Recombinant Anthrax-Protective Antigen under Nondenaturing Conditions" <i>Biochemical and Biophysical Research Communications</i> , 2001, pp. 6-11, Vol. 286.	
	R2	ALTPETER, F. <i>et al.</i> "Generation Of Large Numbers Of Independently Transformed Fertile Perennial Ryegrass (<i>Lolium perenne</i> L.) Plants Of Forage- And Turf Type Cultivars" <i>Mol. Breeding</i> , 2000, pp. 519-528, Vol. 6.	
	R3	ALTPETER, F. <i>et al.</i> "Integration And Expression Of The High-Molecular-Weight Glutelin Subunit 1Ax1 Gene Into Wheat" <i>Nat. Biotechnol.</i> , September 1996, pp. 1155-1159, Vol. 14, No. 9.	
	R4	ANDERSON, G. W. JR. <i>et al.</i> "Recombinant V Antigen Protects Mice against Pneumonic and Bubonic Plague Caused by F1-Capsule-Positive and -Negative Strains of <i>Yersinia pestis</i> " <i>Infection and Immunity</i> , November 1996, pp. 4580-4585, Vol. 64, No. 11.	
	R5	ANDREWS, G. P. <i>et al.</i> "Protective Efficacy of Recombinant <i>Yersinia</i> Outer Proteins against Bubonic Plague Caused by Encapsulated and Nonencapsulated <i>Yersinia pestis</i> " <i>Infection and Immunity</i> , March 1999, pp. 1533-1537, Vol. 67, No. 3.	
	R6	ARAKAWA, T. <i>et al.</i> "Expression of cholera toxin B subunit oligomers in transgenic potato plants" <i>Transgenic Research</i> , 1997, pp. 403-413, Vol. 6.	
	R7	BAILLIE, L. "The development of new vaccines against <i>Bacillus anthracis</i> " <i>Journal of Applied Microbiology</i> , 2001, pp. 609-613, Vol. 91.	
	R8	BECK L. R. <i>et al.</i> "A new long-acting injectable microcapsule system for the administration of progesterone" May 1979, pp. 545-551, Vol. 31, No. 5.	
	R9	BELIAKOV, I. M. <i>et al.</i> "Interplay of Cytokines and Adjuvants in the Regulation of Mucosal and Systemic HIV-Specific CTL" <i>The Journal of Immunology</i> , 2000, pp. 6454-6462, Vol. 165.	
	R10	BERNEMAN, A. <i>et al.</i> "The Specificity Patterns of Human Immunoglobulin G Antibodies in Serum Differ from Those in Autologous Secretions" <i>Infection and Immunity</i> , September 1998, pp. 4163-4168, Vol. 66, No. 9.	
	R11	BHATNAGAR, R. <i>et al.</i> "Calcium Is Required for the Expression of Anthrax Lethal Toxin Activity in the Macrophagelike Cell Line J774A.1" <i>Infection and Immunity</i> , July 1989, pp. 2107-2114, Vol. 57, No. 7.	
AK	R12	BOCCI, V. "The Oropharyngeal Delivery of Interferons: Where Are We and Where Do We Need to Go?" <i>Journal of Interferon and Cytokine Research</i> , 1999, pp. 859-861, Vol. 19.	

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AK	R13	BOCKMAN DE <i>et al.</i> "Pinocytosis by epithelium associated with lymphoid follicles in the bursa of Fabricius, appendix, and Peyer's patches. An electron microscopic study" <i>American Journal of Anatomy</i> , April 1973, pp. 455-477, Vol. 136, No. 4.	
	R14	BOUVET, J. P. <i>et al.</i> "Stimulation of local antibody production: parenteral or mucosal vaccination?" <i>Trends in Immunology</i> , April 2002, pp. 209-213, Vol. 23, No. 4.	
	R15	BOUVET, J. P. <i>et al.</i> "Diversity of Antibody-Mediated Immunity at the Mucosal Barrier" <i>Infection and Immunity</i> , June 1999, pp. 2687-2691, Vol. 67, No. 6.	
	R16	BRADLEY, K. A. <i>et al.</i> "Identification of the cellular receptor for anthrax toxin" <i>Nature</i> , November 8, 2001, pp. 225-229, Vol. 414.	
	R17	BROSSIER, F. <i>et al.</i> "Role of Toxin Functional Domains in Anthrax Pathogenesis" <i>Infection and Immunity</i> , April 2000, pp. 1781-1786, Vol. 68, No. 4.	
	R18	CÁRDENAS-FREYTAG, L. <i>et al.</i> "Effectiveness of a Vaccine Composed of Heat-Killed <i>Candida albicans</i> and a Novel Mucosal Adjuvant, LT(R192G), against Systemic Candidiasis" <i>Infection and Immunity</i> , February 1999, pp. 826-833, Vol. 67, No. 2.	
	R19	CASTAÑÓN, S. <i>et al.</i> "Immunization with Potato Plants Expressing VP60 Protein Protects against Rabbit Hemorrhagic Disease Virus" <i>Journal of Virology</i> , May 1999, pp. 4452-4455, Vol. 73, No. 5.	
	R20	CHAUHAN, V. <i>et al.</i> "Constitutive Expression of Protective Antigen Gene of <i>Bacillus anthracis</i> in <i>Escherichia coli</i> " <i>Biochemical and Biophysical Research Communications</i> , 2001, pp. 308-315, Vol. 283.	
	R21	CHO, M.-J. <i>et al.</i> "Production Of Transgenic Tall Fescue And Red Fescue Plants By Particle Bombardment Of Mature Seed-Derived Highly Regenerative Tissues" <i>Plant Cell Rep.</i> 2000, pp. 1084-1089.	
	R22	CHOI, A. H. C. <i>et al.</i> "Antibody-Independent Protection against Rotavirus Infection of Mice Stimulated by Intranasal Immunization with Chimeric VP4 or VP6 Protein" <i>Journal of Virology</i> , September 1999, pp. 7574-7581, Vol. 73, No. 9.	
✓	R23	CHOI, A. H. C. <i>et al.</i> "Functional Mapping of Protective Domains and Epitopes in the Rotavirus VP6 Protein" <i>Journal of Virology</i> , December 2000, pp. 11574-11580, Vol. 74, No. 24.	
AK	R24	CHONG C. <i>et al.</i> "LT(R192G), a non-toxic mutant of the heat-labile enterotoxin of <i>Escherichia coli</i> , elicits enhanced humoral and cellular immune responses associated with protection against lethal oral challenge with <i>Salmonella</i> spp." <i>Vaccine</i> , 1998, pp. 732-740, Vol. 16, No. 7.	

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		Application Number	10/500,351
		Filing Date	June 25, 2004
		First Named Inventor	Henry Daniell
		Group Art Unit	1638
		Examiner Name	
Sheet 4 of 12	Attorney Docket Number	CHL-T107C3Z1	

NON PATENT LITERATURE DOCUMENTS			
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AK	R25	COULSON, N. M. <i>et al.</i> "Bacillus anthracis protective antigen, expressed in <i>Salmonella typhimurium</i> SL 3261, affords protection against anthrax spore challenge" <i>Vaccine</i> , November 1994, pp. 1395-1401, Vol.12, No. 15.	
	R26	CRAMER, C. L. <i>et al.</i> "Transgenic plants for therapeutic proteins: linking upstream and downstream strategies" <i>Current Topics Microbiol. Immunol.</i> , 1999, pp. 95-118, Vol. 240.	
	R27	CUMMINS, J. M. <i>et al.</i> "Oral Use of Interferon" <i>Journal of Interferon and Cytokine Research</i> , 1999, pp. 853-857, Vol. 19.	
	R28	DANIELL, H. "Foreign gene expression in chloroplasts of higher plants mediated by tungsten particle bombardment" <i>Methods Enzymol.</i> , 1993, pp. 536-556, Vol. 217.	
	R29	DANIELL, H. "Transformation and foreign gene expression in plants by microprojectile bombardment" <i>Methods Mol. Biol.</i> , 1997, pp. 463-489, Vol. 62.	
	R30	DANIELL, H. <i>et al.</i> "Containment of herbicide resistance through genetic engineering of the chloroplast genome" <i>Nature Biotechnology</i> , April 1998, pp. 345-348, Vol. 16, No. 4.	
	R31	DANIELL, H. <i>et al.</i> "Milestones in chloroplast genetic engineering: an environmentally friendly era in biotechnology" <i>Trends in Plant Science</i> , February 2002, pp. 84-91, Vol. 7, No. 2.	
	R32	DANIELL, H. <i>et al.</i> "Expression of the Native Cholera Toxin B Subunit Gene and Assembly as Functional Oligomers in Transgenic Tobacco Chloroplasts" <i>Journal of Mol. Biol.</i> , 2001, pp. 1001-1009, Vol. 311.	
	R33	DANIELL, H. <i>et al.</i> "Marker free transgenic plants: engineering the chloroplast genome without the use of antibiotic selection" <i>Curr. Genet.</i> , 2001, pp. 109-116, Vol. 39.	
	R34	DANIELL, H. <i>et al.</i> "Medical molecular farming: production of antibodies, biopharmaceuticals and edible vaccines in plants" <i>Trends in Plant Science</i> , May 2001, pp. 219-226, Vol. 6, No. 5.	
↓	R35	DANIELL, H. <i>et al.</i> "An efficient and prolonged in vitro translational system from isolated cucumber etioplasts" <i>Biochem. Biophys. Res. Commun.</i> , February 26, 1986, pp. 248-255, Vol. 135, No. 1.	
AK	R36	DANIELL, H. <i>et al.</i> "Uptake and expression of bacterial and cyanobacterial genes by isolated cucumber etioplasts" <i>Proc. Natl. Acad. Sci. USA</i> , September 1987, pp. 6349-6353, Vol. 84.	

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AK	R37	DANIELL, H. <i>et al.</i> "In vitro synthesis of photosynthetic membranes: I. Development photosystem I activity and cyclic photophosphorylation" <i>Biochem. Biophys. Res. Commun.</i> , March 16, 1983, pp. 740-749, Vol. 111, No. 2.	
	R38	DANIELL, H. <i>et al.</i> "Transient foreign gene expression in chloroplasts of cultured tobacco cells after biolistic delivery of chloroplast vectors" <i>Proc. Natl. Acad. Sci. USA</i> , January 1990, Vol. 87, No. 1.	
	R39	DANIELL, H. "Molecular strategies for gene containment in transgenic crops" <i>Nature Biotechnology</i> , June 2002, pp. 581-586, Vol. 20.	
	R40	DANIELL, H. <i>et al.</i> "Chloroplast culture. IX. Chlorophyll(ide) a biosynthesis in vitro rates higher than in vivo" <i>Biochem. Biophys. Res. Commun.</i> , May 31, 1982, pp. 466-470, Vol. 106, No. 2.	
	R41	DE COSA, B. <i>et al.</i> "Overexpression of the <i>Bt cry2 Aa2</i> operon in chloroplasts leads to formation of insecticidal crystals" <i>Nature Biotechnology</i> , January 2001, pp. 71-74, Vol. 19.	
	R42	DE GRAY, G. <i>et al.</i> "Expression of an Antimicrobial Peptide via the Chloroplast Genome to Control Phytopathogenic Bacteria and Fungi" <i>Plant Physiology</i> , November 2001, pp. 852-862, Vol. 127.	
	R43	DIXON, T. C. <i>et al.</i> "Anthrax" <i>The New England Journal of Medicine</i> , September 9, 1999, pp. 815-826, Vol. 341, No. 11.	
	R44	DRUM, C. L. <i>et al.</i> "Structural basis for the activation of anthrax adenyl cyclase extoxin by calmodulin" <i>Nature</i> , January 24, 2002, pp. 396-402, Vol. 415.	
	R45	EDWARDS, K. <i>et al.</i> "A simple and rapid method for the preparation of plant genomic DNA for PCR analysis" <i>Nucleic Acids Research</i> , January 2, 1991, pp. 1349, Vol. 19, No. 6.	
	R46	EYLES, J. E. <i>et al.</i> "Analysis of local and systemic immunological responses after intra-tracheal, intra-nasal and intra-muscular administration of microsphere co-encapsulated <i>Yersinia pestis</i> sub-unit vaccines" <i>Vaccine</i> , 1998, pp. 2000-2009, Vol. 16, No. 20.	
✓	R47	EYLES, J. E. <i>et al.</i> "Generation of protective immune responses to plague by mucosal administration of microsphere coencapsulated recombinant subunits" <i>Journal of Controlled Release</i> , 2000, pp. 191-200, Vol. 63.	
AK	R48	FANG, Y. D. <i>et al.</i> "Agrobacterium-mediated barley (<i>Hordeum vulgare</i> L.) transformation using green fluorescent protein as a visual marker and sequence analysis of the T-DNA: barley genomic DNA junctions", <i>J. Plant Physiol.</i> , 2002, pp. 1131-1138, Vol. 159.	

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AK	R49	FREYTAG, L. C. <i>et al.</i> "Bacterial toxins as mucosal adjuvants" <i>Curr. Top. Microbiol. Immunol.</i> , 1999, pp. 215-236, Vol. 236.	
	R50	GE, B. <i>et al.</i> "Differential effects of helper proteins encoded by the <i>cry2A</i> and <i>cry11A</i> operons on the formation of <i>Cry2A</i> inclusions in <i>Bacillus thuringiensis</i> " <i>FEMS Microbiology Letters</i> , 1998, pp. 35-41, Vol. 165.	
	R51	GERBER, S. <i>et al.</i> "Human Papillomavirus Virus-Like Particles Are Efficient Oral Immunogens when Coadministered with <i>Escherichia coli</i> Heat-Labile Enterotoxin Mutant R192G or CpG DNA" <i>Journal of Virology</i> , May 2001, pp. 4752-4760, Vol. 75, No. 10.	
	R52	GU, M. L. <i>et al.</i> "Protection against anthrax toxin by vaccination with a DNA plasmid encoding anthrax protective antigen" <i>Vaccine</i> , 1999, pp. 340-344, Vol. 17.	
	R53	GUILLOBEL, H. C. <i>et al.</i> "Adjuvant Activity of a Nontoxic Mutant of <i>Escherichia coli</i> Heat-Labile Enterotoxin on Systemic and Mucosal Immune Responses Elicited against a Heterologous Antigen Carried by a Live <i>Salmonella enterica</i> Serovar Typhimurium Vaccine Strain" <i>Infection and Immunity</i> , July 2000, pp. 4349-4353, Vol. 68, No. 7.	
	R54	HANNA, P. C. <i>et al.</i> "On the role of macrophages in anthrax" <i>Proc. Natl. Acad. Sci. USA</i> , November 1993, pp. 10198-10201, Vol. 90.	
	R55	HAQ, T. A. <i>et al.</i> "Oral immunization with a recombinant bacterial antigen produced in transgenic plants" <i>Science</i> , May 5, 1995, pp. 714-716, Vol. 268, No. 5211.	
	R56	HEATH, D. G. <i>et al.</i> "Protection against experimental bubonic and pneumonic plague by a recombinant capsular F1-V antigen fusion protein vaccine" <i>Vaccine</i> , July 1998, pp. 1131-1137, Vol. 16, No. 11-12.	
	R57	HILL, J. <i>et al.</i> "Region of <i>Yersinia pestis</i> V Antigen that Contribute to Protection against Plague Identified by Passive and Active Immunization" <i>Infection and Immunity</i> , November 1997, pp. 4476-4482, Vol. 65, No. 11.	
	R58	HOLMGREN, J. <i>et al.</i> "Cholera toxin in cholera B subunit as oral-mucosal adjuvant and antigen vector systems" <i>Vaccine</i> , September 1993, pp. 1179-1184, Vol. 11, No. 12.	
✓	R59	INGLESBY, T. V. MD <i>et al.</i> "Anthrax as a Biological Weapon" <i>JAMA</i> , May 12, 1999, pp. 1735-1745, Vol. 281, No. 18.	
AK	R60	IVINS, B. <i>et al.</i> "Experimental anthrax vaccines: efficacy of adjuvants combined with protective antigen against an aerosol <i>Bacillus anthracis</i> spore challenge in guinea pigs" <i>Vaccine</i> , 1995, pp. 1779-1784, Vol. 13, No. 18.	

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			First Named Inventor	Henry Daniell	
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AK	R61	IVINS, B. <i>et al.</i> "Comparative Efficacy of Experimental Anthrax Vaccine Candidate Against Inhalation Anthrax in Rhesus Macaques" <i>Vaccine</i> , 1998, pp. 1141-1148, Vol. 16, No. 11-12.	
	R62	JONES, S. M. <i>et al.</i> "Protection conferred by a fully recombinant sub-unit vaccine against <i>Yersinia pestis</i> in male and female mice of four inbred strains" <i>Vaccine</i> , 2001, pp. 358-366, Vol. 19.	
	R63	KAPUSTA, J. <i>et al.</i> "A plant-derived edible vaccine against hepatitis B virus" <i>FASEB J.</i> , 1999, pp. 1796-1799, Vol. 13.	
	R64	KAUFMANN, A. F. <i>et al.</i> "The economic impact of a bioterrorist attack: are prevention and postattack intervention programs justifiable?" <i>Emerging Infectious Disease</i> , 1997, pp. 83-94, Vol. 3, No. 2.	
	R65	KLIMPEL, K. R. <i>et al.</i> "Anthrax toxin protective antigen is activated by a cell surface protease with the sequence specificity and catalytic properties of furin" <i>Proc. Natl. Acad. Sci. USA</i> , November 1992, pp. 10277-10281, Vol. 89.	
	R66	KOO, M. <i>et al.</i> "Protective immunity against murine hepatitis virus (MHV) induced by intranasal or subcutaneous administration of hybrids of tobacco mosaic virus that carries an MHV epitope" <i>Proc. Natl. Acad. Sci. USA</i> , July 1999, pp. 7774-7779, Vol. 96.	
	R67	KOTA, M. <i>et al.</i> "Overexpression of the <i>Bacillus thuringiensis</i> (Bt) Cry2Aa2 protein in chloroplasts confers resistance to plants against susceptible and Bt-resistant insects" <i>Proc. Natl. Acad. Sci. USA</i> , March 1999, pp. 1840-1845, Vol. 96.	
	R68	KOTLOFF, K. L. <i>et al.</i> "Safety and Immunogenicity of Oral Inactivated Whole-Cell <i>Helicobacter pylori</i> Vaccine with Adjuvant among Volunteers with or without Subclinical Infection" <i>Infection and Immunity</i> , June 2001, pp. 3581-3590, Vol. 69, No. 6.	
	R69	KUSNADI, A. <i>et al.</i> "Production of Recombinant Proteins in Transgenic plants: Practical Considerations" <i>Biotechnology and Bioengineering</i> , 1997, pp. 473-484, Vol. 56, No. 5.	
	R70	LEARY, S. E. C. <i>et al.</i> "Expression of an F1/V fusion protein in attenuated <i>Salmonella typhimurium</i> and protection of mice against plague" <i>Microbial Pathogenesis</i> , 1997, pp. 167-179, Vol. 23.	
✓	R71	LENCER, W. I. <i>et al.</i> "Transcytosis of cholera toxin subunits across model human intestinal epithelia" <i>Proc. Natl. Acad. Sci. USA</i> , October 1995, pp. 10094-10098, Vol. 92.	
AK	R72	LEPPLA S. H. <i>et al.</i> "Development of an improved vaccine for anthrax" <i>J. Clin. Invest.</i> , 2002, pp. 141-144, Vol. 109.	

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AK	R73	MASON, H. S. <i>et al.</i> "Expression of Norwalk virus capsid protein in transgenic tobacco and potato and its oral immunogenicity in mice" <i>Proc. Natl. Acad. Sci. USA</i> , May 1996, pp. 5335-5340, Vol. 93.	
	R74	MASON H. S. <i>et al.</i> "Edible vaccine protects mice against <i>Escherichia coli</i> heat-labile enterotoxin (LT): potatoes expressing a synthetic LT-B gene" <i>Vaccine</i> , 1998, pp. 1336-1343, Vol. 16, No. 13.	
	R75	MATHIOWITZ, E. <i>et al.</i> "Biologically erodable microspheres as potential oral drug delivery systems" <i>Nature</i> , March 27, 1997, pp. 410-414, Vol. 386, No. 6623.	
	R76	MCBRIDE, K. E. <i>et al.</i> "Amplification of a chimeric <i>Bacillus</i> gene in chloroplasts leads to extraordinary level of an insecticidal protein in tobacco" <i>Biotechnology</i> , April 1995, pp. 362-365, Vol. 13, No. 4.	
	R77	MCCLUSKIE, M. J. <i>et al.</i> "Mucosal immunization of mice using CpG DNA and/or mutants of the heat-labile enterotoxin of <i>Escherichia coli</i> as adjuvants" <i>Vaccine</i> , 2001, pp. 3759-3768, Vol. 19.	
	R78	MCNEAL, M. M. <i>et al.</i> "Antibody-Dependent and -Independent Protection following Intranasal Immunization of Mice with Rotavirus Particles" <i>Journal of Virology</i> , September 1999, pp. 7565-7573, Vol. 73, No. 9.	
	R79	MMWR, <i>et al.</i> "Use of anthrax vaccine in the United States" <i>Recommendations of the Advisory Committee on Immunization Practices</i> , December 15, 2000, pp. 1-20, Vol. 49, No. RR15.	
	R80	MOLLOY, S. S. <i>et al.</i> "Human Furin Is a Calcium-dependent Serine Endoprotease That Recognizes the Sequence Arg-X-X-Arg and Efficiently Cleaves Anthrax Toxin Protective Antigen" <i>The Journal of Biological Chemistry</i> , August 15, 1992, pp. 16396-16402, Vol. 267, No. 23.	
	R81	MOR, T. S. <i>et al.</i> "Perspective: edible vaccines - a concept coming of age" <i>Trends in Microbiology</i> , November 1998, pp. 449-453, Vol. 6, No. 11.	
	R82	MORIYA, O. <i>et al.</i> "Induction of hepatitis C virus-specific cytotoxic T lymphocytes in mice by immunization with dendritic cells treated with an anthrax toxin fusion protein" <i>Vaccine</i> , 2002, pp. 789-796, Vol. 20.	
✓	R83	MORRIS, C. B. <i>et al.</i> "Effectiveness of intranasal immunization with HIV-gp160 and an HIV-1 Env CTL epitope peptide (E7) in combination with the mucosal adjuvant LT(R192G)" <i>Vaccine</i> , 2000, pp. 1944-1951, Vol. 18.	
AK	R84	NICOLSON, G. <i>et al.</i> "Anthrax Vaccine: Controversy Over Safety and Efficacy", <i>Antimicrobics and Infectious Diseases Newsletter</i> , 2000, pp. 1-6, Vol. 1.	

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AK	R85	O'NEAL, C. M. <i>et al.</i> "Rotavirus 2/6 Viruslike Particles Administered Intranasally with Cholera Toxin, <i>Escherichia coli</i> Heat-Labile Toxin (LT), and LT-R192G Induce Protection from Rotavirus Challenge" <i>Journal of Virology</i> , April 1998, pp. 3390-3393, Vol. 72, No. 4.		
	R86	OWEN, R. L. <i>et al.</i> "M cell transport of <i>Vibrio cholerae</i> from the intestinal lumen into Peyer's patches: a mechanism for antigen sampling and for microbial transepithelial migration" <i>J. Infect. Dis.</i> , June 1986, pp. 1108-1118, Vol. 153, No. 6.		
	R87	OYSTON, P. C. <i>et al.</i> "An <i>aroA</i> mutant of <i>Yersinia pestis</i> is attenuated in guinea-pigs, but virulent in mice" <i>Microbiology</i> , July 1996, pp. 1847-1853, Vol. 142, Pt. 7.		
	R88	PANNIFER, A. D. <i>et al.</i> "Crystal structure of the anthrax lethal factor" <i>Nature</i> , November 8, 2001, pp. 229-233, Vol. 414.		
	R89	PETOSA C. <i>et al.</i> "Crystal structure of the anthrax toxin protective antigen" <i>Nature</i> , February 27, 1997, pp. 833-838, Vol. 385, No. 6619.		
	R90	PEZARD, C. <i>et al.</i> "Protective Immunity Induced by <i>Bacillus anthracis</i> Toxin-Deficient Strains" <i>Infection and Immunity</i> , April 1995, pp. 1365-1372, Vol. 63, No. 4.		
	R91	PRICE, B. M. <i>et al.</i> "Protection against Anthrax Lethal Toxin Challenge by Genetic Immunization with a Plasmid Encoding the Lethal Factor Protein" <i>Infection and Immunity</i> , July 2001, pp. 4509-4515, Vol. 69, No. 7.		
	R92	PURVIS, I. J. <i>et al.</i> "The efficiency of folding of some proteins increased by controlled rates of translation in vivo" <i>J. Mol. Biol.</i> , January 20, 1987, pp. 413-417, Vol. 193, No. 2.		
	R93	RAMIREZ, D. M. <i>et al.</i> "Production, recovery and immunogenicity of the protective antigen from a recombinant strain of <i>Bacillus anthracis</i> " <i>Journal of Industrial Microbiology & Biotechnology</i> , 2002, pp. 232-238, Vol. 28.		
	R94	RUF, S. <i>et al.</i> "Stable genetic transformation of tomato plastids and expression of a foreign protein in fruit" <i>Nature Biotechnology</i> , September 2001, pp. 870-875, Vol. 19.		
	R95	RUSSELL, P. <i>et al.</i> "A comparison of Plague vaccine, USP and EV76 vaccine induced protection against <i>Yersinia pestis</i> in a murine model" <i>Vaccine</i> , 1995, pp. 1551-1556, Vol. 13, No. 16.		
AK	R96	RYAN, E. T. <i>et al.</i> "In Vivo Expression and Immunoadjuvancy of a Mutant of Heat-Labile Enterotoxin of <i>Escherichia coli</i> in Vaccine and Vector Strains of <i>Vibrio cholerae</i> " <i>Infection and Immunity</i> , April 1999, pp. 1694-1701, Vol. 67, No. 4.		

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		Application Number	10/500,351		
		Filing Date	June 25, 2004		
		First Named Inventor	Henry Daniell		
		Group Art Unit	1638		
		Examiner Name			
Sheet	10	of	12	Attorney Docket Number	CHL-T107C3Z1

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AK	R97	SABHNANI, L. <i>et al.</i> "Identification of immunodominant epitope of F1 antigen of <i>Yersinia pestis</i> " <i>FEMS Immunology and Medical Microbiology</i> , 2000, pp. 155-162, Vol. 27.	
	R98	SANFORD, J. C. <i>et al.</i> "Optimizing the biolistic process for different biological applications" <i>Methods Enzymol.</i> , 1993, pp. 483-509, Vol. 217.	
	R99	SCHARTON-KERSTEN, T. <i>et al.</i> "Transcutaneous Immunization with Bacterial ADP-Ribosylating Exotoxins, Subunits, and Unrelated Adjuvants" <i>Infection and Immunity</i> , September 2000, pp. 5306-5313, Vol. 68, No. 9.	
	R100	SESTAK, K. <i>et al.</i> "Active immunity and T-cell populations in pigs intraperitoneally inoculated with baculovirus-expressed transmissible gastroenteritis virus structural proteins" <i>Vet. Immunol. Immunopathol.</i> , September 20, 1999, pp. 203-221, Vol. 70.	
	R101	SIDOROV, V. A. <i>et al.</i> "Stable chloroplast transformation in potato: use of green fluorescent protein as a plastid marker" <i>The Plant Journal</i> , 1999, pp. 209-216, Vol. 19, No. 2.	
	R102	SINGH, Y. <i>et al.</i> "Study of Immunization against Anthrax with the Purified Recombinant Protective Antigen of <i>Bacillus anthracis</i> " <i>Infection and Immunity</i> , July 1998, pp. 3447-3448, Vol. 66, No. 7.	
	R103	STAUB, J. M. <i>et al.</i> "High-yield production of a human therapeutic protein in tobacco chloroplasts" <i>Nature Biotechnology</i> , March 2000, pp. 333-338, Vol. 18.	
	R104	STRALEY, S. C. <i>et al.</i> "Virulence genes regulated at the transcriptional level by Ca ²⁺ in <i>Yersinia pestis</i> include structural genes for outer membrane proteins" <i>Infect. Immun.</i> , 1996, pp. 445-454, Vol. 51.	
	R105	STREATFIELD, S. J. <i>et al.</i> "Plant-based vaccines: unique advantages" <i>Vaccine</i> , 2001, pp. 2742-2748, Vol. 19.	
	R106	SVAB, Z. <i>et al.</i> "High-frequency plastid transformation in tobacco by selection for a chimeric <i>aadA</i> gene" <i>Proc. Natl. Acad. Sci. USA</i> , February 1993, pp. 913-917, Vol. 90.	
✓	R107	TACKET, C. O. <i>et al.</i> "Safety of Live Oral <i>Salmonella typhi</i> Vaccine Strains with Deletions in <i>htrA</i> and <i>aroC aroD</i> and Immune Response in Humans" <i>Infection and Immunity</i> , February 1997, pp. 452-456, Vol. 65, No. 2.	
AK	R108	TACKET, C. O. <i>et al.</i> "Immunogenicity in humans of a recombinant bacterial antigen delivered in a transgenic potato" <i>Nat. Med.</i> May 1998, pp. 607-609, Vol. 4, No. 5.	

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AK	R109	TITBALL, R. W. <i>et al.</i> "Vaccination against bubonic and pneumonic plague" <i>Vaccine</i> , 2001, pp. 4175-4184, Vol. 19.		
	R110	TUBOLY, T. <i>et al.</i> "Immunogenicity of porcine transmissible gastroenteritis virus spike protein expressed in plants" <i>Vaccine</i> , 2000, pp. 2023-2028, Vol. 18.		
	R111	TUMPEY, T. M. <i>et al.</i> "Mucosal Delivery of Inactivated Influenza Vaccine Induces B-Cell-Dependent Heterosubtypic Cross-Protection against Lethal Influenza A H5N1 Virus Infection" <i>Journal of Virology</i> , June 2001, pp. 5141-5150, Vol. 75, No. 11.		
	R112	VARSHNEY, A. <i>et al.</i> "Stable transformation and tissue culture response in current European winter wheat germplasm" <i>Mol. Breeding</i> , 2001, pp. 295-309, Vol. 8.		
	R113	VASIL, I. K. <i>et al.</i> "Evaluation of baking properties and gluten protein composition of field grown transgenic wheat lines expressing high molecular weight glutenin gene 1Ax1" <i>J. Plant Physiol</i> 2001, pp. 521-528, Vol. 158.		
	R114	WALMSLEY, A. M. <i>et al.</i> "Plants for delivery of edible vaccines" <i>Curr. Opin. Biotechnol.</i> April 2000, pp. 126-129, Vol. 11, No. 2.		
	R115	WESCHE, J. <i>et al.</i> "Characterization of Membrane Translocation by Anthrax Protective Antigen", <i>Biochemistry</i> , 1998, pp. 15737-15746, Vol. 37.		
	R116	WILLIAMSON, E. <i>et al.</i> "Modulating Dendritic Cells to Optimize Mucosal Immunization Protocols" <i>Journal of Immunology</i> , 1999, pp. 3668-3675, Vol. 163.		
	R117	WILLIAMSON, E. D. <i>et al.</i> "A sub-unit vaccine elicits IgG in serum, spleen cell cultures and bronchial washings and protects immunized animals against pneumonic plague" <i>Vaccine</i> , 1997, pp. 1079-1084, Vol. 15, No. 10.		
	R118	WILLIAMSON, E. D. <i>et al.</i> "A single dose sub-unit vaccine protects against pneumonic plague" <i>Vaccine</i> , 2001, pp. 566-571, Vol. 19.		
↓	R119	WILLIAMSON, E. D. <i>et al.</i> "An IgG1 titre to the F1 and V antigens with protection against plague in the mouse model" <i>Clin. Exp. Immunol.</i> , 1999, pp. 107-114, Vol. 116.		
AK	R120	WILLIAMSON, E. D. "Plague vaccine research and development" <i>Journal of Applied Microbiology</i> , 2001, pp. 606-608, Vol. 91.		

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AK	R121	XU, J. <i>et al.</i> "Dissection of RNA-mediated ryegrass mosaic virus resistance in fertile transgenic perennial ryegrass (<i>Lolium perenne</i> L.)" <i>The Plant Journal</i> , 2001, pp. 265-274, Vol. 26, No. 3.	
↓	R122	YE, G. N. <i>et al.</i> "Optimization of delivery of foreign DNA into higher-plant chloroplasts" <i>Plant Mol. Biol.</i> , December 1990, pp. 809-819, Vol. 15, No. 6.	
↓	R123	YU, J. <i>et al.</i> "A plant-based multicomponent vaccine protects mice from enteric diseases" <i>Nature Biotechnology</i> , June 2001, pp. 548-552, Vol. 19.	
AK	R124	YUAN, L. <i>et al.</i> "Intranasal Administration of 2/6-Rotavirus-Like Particles with Mutant <i>Escherichia coli</i> Heat-Labile Toxin (LT-R192G) Induces Antibody-Secreting Cell Responses but Not Protective Immunity in Gnotobiotic Pigs" <i>Journal of Virology</i> , October 2000, pp. 8843-8853, Vol. 74, No. 19.	
	R125		
	R126		
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	R128		
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	R130		
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